IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A computer readable information storage medium storing highlight information with which a mixture or contrast of a video and sub-picture in a rectangular area of a display in which a button is displayed is altered, wherein

the highlight information includes highlight general information and a button information table;

the button information table includes ~~plural~~ items of button information and is used as one-group mode or plural-group mode;

each of the items of button information includes button position information;

the button position information includes a start X-coordinate, an end X-coordinate, a start Y-coordinate, and an end Y-coordinate of the rectangular area;

the range of X-coordinate value and Y-coordinate value being changed depending on a TV system;

the highlight general information includes a button mode field; and

the button mode field includes a first flag describing whether a high definition button group ~~for high definition~~ exists or not, bits describing the number of button groups, and bits describing a display type of a sub-picture corresponding to the button group.

Claim 2 (Previously Presented): A computer readable information storage medium according to claim 7, wherein, the button information table includes m items of button information; and the table is used as one-group mode made up of m items of button information, two-group mode made up of m/2 items of button information, or three-group mode made up of m/3 items of button information, where m is an integer.

Claim 3 (Currently Amended): An information playback apparatus used for an information storage medium storing highlight information with which a mixture or contrast of a video and sub-picture in a rectangular area of a display in which a button is displayed is altered, wherein

the highlight information includes highlight general information and a button information table;

the button information table includes ~~plural~~ items of button information and is used as one-group mode or plural-group mode;

each of the items of button information includes button position information;

the button position information includes a start X-coordinate, an end X-coordinate, a start Y-coordinate, and an end Y-coordinate of the rectangular area;

the range of X-coordinate value and Y-coordinate value being changed depending on a TV system;

the highlight general information includes a button mode field; [[and]]

the button mode field includes a first flag describing whether a high definition button group ~~for high definition~~ exists or not, bits describing the number of button groups, and bits describing a display type of a sub-picture corresponding to the button group, the information playback apparatus comprising:

means for reading out the first flag and the bits describing the display type from the information storage medium; and

means for, when the first flag describes that the button group for high definition exists, displaying the read-out button information with high definition, and when the first flag describes that the button group for high definition does not exist, displaying the read-out button information according to the bits describing the display type.

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Claim 4 (Previously Presented): An information playback apparatus according to claim 8, wherein, the button information table includes m items of button information; and the table is used as one-group mode made up of m times of button information, two-group mode made up of m/2 items of button information, or three-group mode made up of m/3 items of button information, where m is an integer.

Claim 5 (Currently Amended): An information playback method for an information storage medium storing highlight information with which a mixture or contrast of a video and sub-picture in a rectangular area of a display in which a button is displayed is altered, wherein

the highlight information includes highlight general information and a button information table;

the button information table includes plural items of button information and is used as one-group mode or plural-group mode;

each of the items of button information includes button position information;

the button position information includes a start X-coordinate, an end X-coordinate, a start Y-coordinate, and an end Y-coordinate of the rectangular area;

the range of X-coordinate value and Y-coordinate value being changed depending on a TV system;

the highlight general information includes a button mode field; [[and]]

the button mode field includes a first flag describing whether a high definition button group for high definition exists or not, bits describing the number of button groups, and bits describing a display type of a sub-picture corresponding to the button group, the information playback method comprising:

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reading out the first flag and the bits describing the display type from the information storage medium; and

displaying the read-out button information with high definition when the first flag describes that the button group for high definition exists, and displaying the read-out button information according to the bits describing the display type when the first flag describes that the button group for high definition does not exist.

Claim 6 (Previously Presented): An information playback method according to claim 9, wherein, the button information table includes m items of button information; and the table is used as one-group mode made up of m items of button information, two-group mode made up of m/2 items of button information, or three-group mode made up of m/3 items of button information, where m is an integer.

Claim 7 (Currently Amended): A computer readable information storage medium according to claim [[1]] 10, wherein

the button area information includes a start X-coordinate describing the first X-coordinate of the rectangular area, an end X-coordinate describing the last X-coordinate of the rectangular area, a start Y-coordinate describing the first Y-coordinate of the rectangular area, and an end Y-coordinate describing the last Y-coordinate of the rectangular area; and

the end X-coordinate and the end Y-coordinate for high definition are larger than the end X-coordinate and the end Y-coordinate for standard definition.

Claim 8 (Currently Amended): An information playback apparatus according to claim [[3]] 11, wherein

the button area information includes a start X-coordinate describing the first X-coordinate of the rectangular area, an end X-coordinate describing the last X-coordinate of the rectangular area, a start Y-coordinate describing the first Y-coordinate of the rectangular area, and an end Y-coordinate describing the last Y-coordinate of the rectangular area; and

the end X-coordinate and the end Y-coordinate for high definition are larger than the end X-coordinate and the end Y-coordinate for standard definition.

Claim 9 (Currently Amended): An information playback method according to claim [[5]] 12, wherein

the button area information includes a start X-coordinate describing the first X-coordinate of the rectangular area, an end X-coordinate describing the last X-coordinate of the rectangular area, a start Y-coordinate describing the first Y-coordinate of the rectangular area, and an end Y-coordinate describing the last Y-coordinate of the rectangular area; and

the end X-coordinate and the end Y-coordinate for high definition are larger than the end X-coordinate and the end Y-coordinate for standard definition.

Claim 10 (New): A computer readable information storage medium according to claim 1, wherein the medium stores a program chain information and the program chain information includes a program chain general information which includes a program chain sub-picture stream control table which includes a second flag and a decoding field of a sub-picture stream for 4:3 or HD, the second flag describing whether the decoding field is used for decoding a sub-picture stream for high definition or standard definition.

Claim 11 (New): An information playback apparatus according to claim 3, wherein the medium stores a program chain information and the program chain information includes a

program chain general information which includes a program chain sub-picture stream

control table which includes a second flag and a decoding field of a sub-picture stream for 4:3

or HD, the second flag describing whether the decoding field is used for decoding a sub-

picture stream for high definition or standard definition.

Claim 12 (New): An information playback method according to claim 5, wherein the

medium stores a program chain information and the program chain information includes a

program chain general information which includes a program chain sub-picture stream

control table which includes a second flag and a decoding field of a sub-picture stream for 4:3

or HD, the second flag describing whether the decoding field is used for decoding a sub-

picture stream for high definition or standard definition.